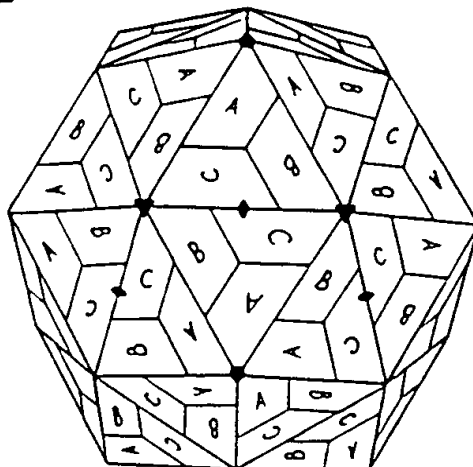
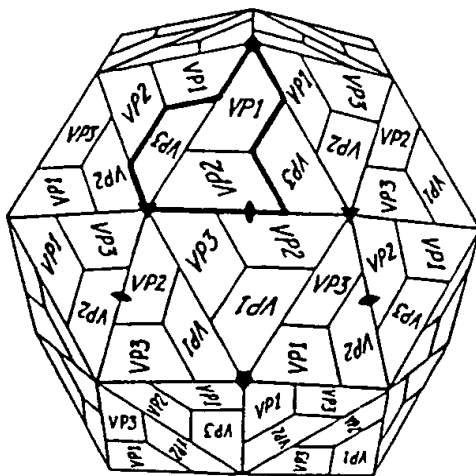


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T=3



PICORNAVIRUS



COMOVIRUS

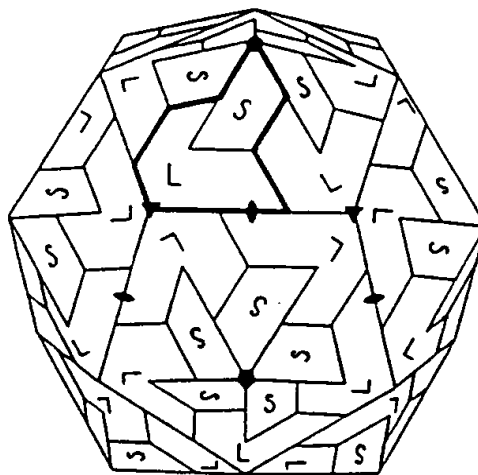


FIGURE 1

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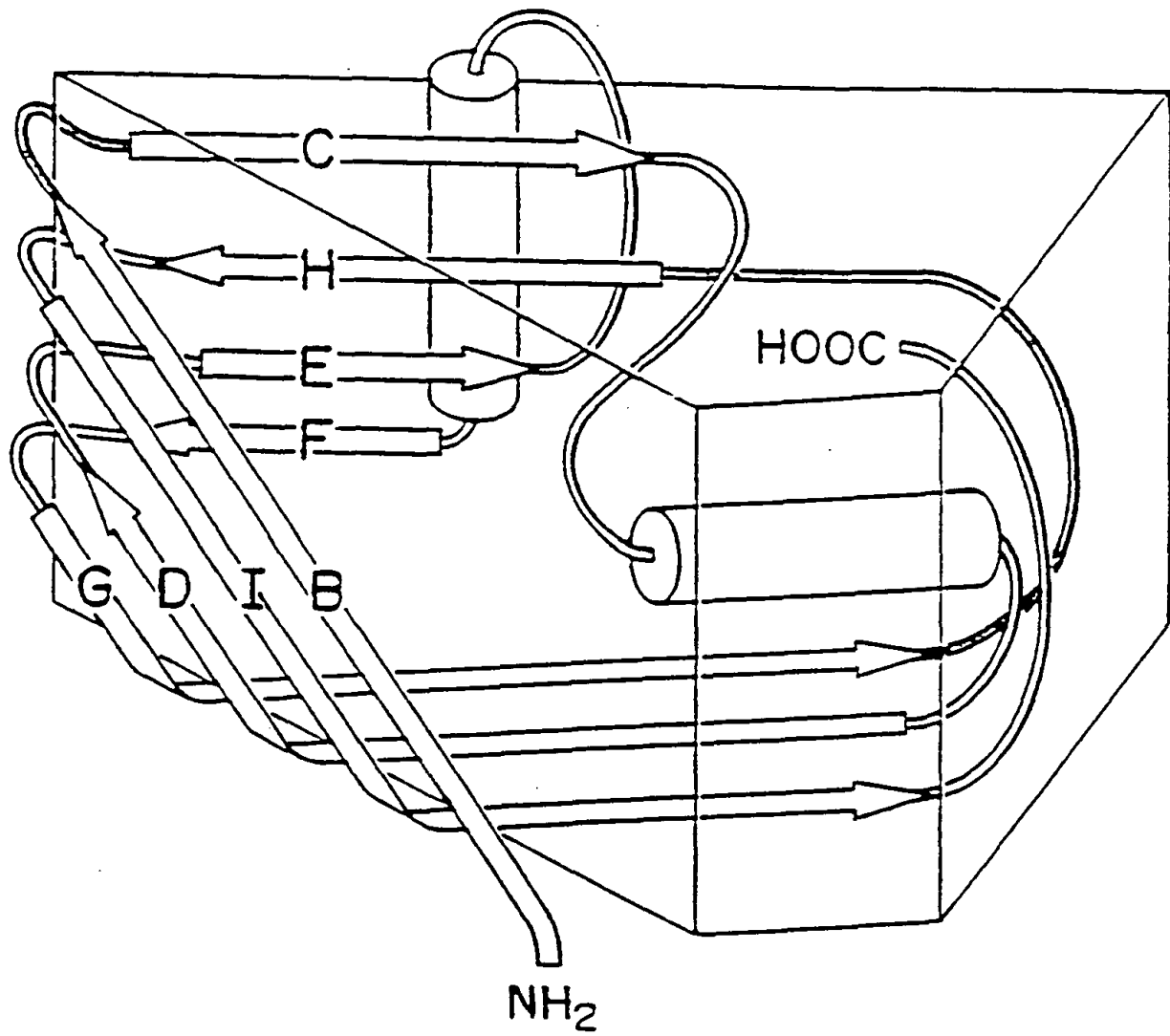


FIGURE 2

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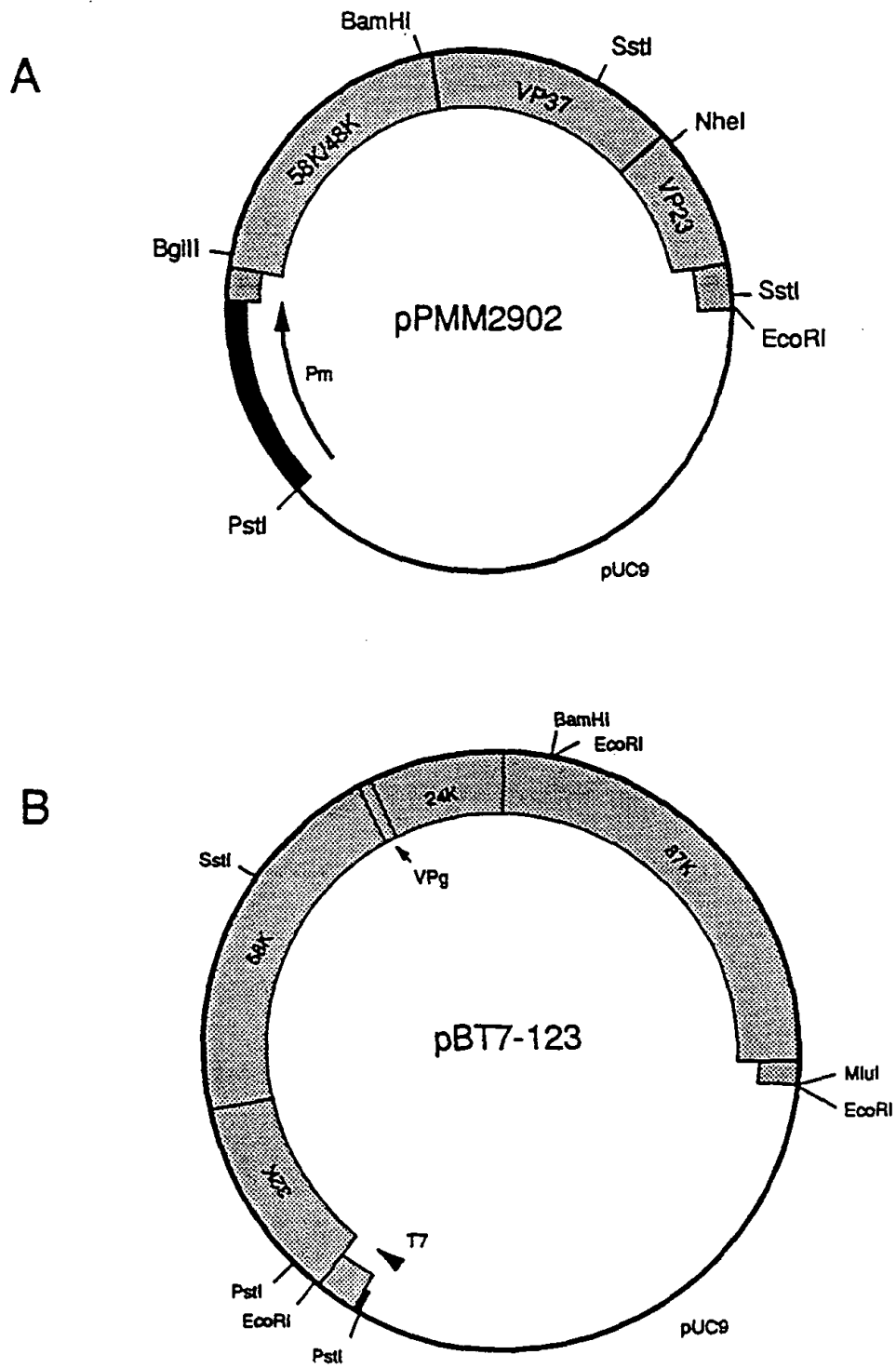


FIGURE 3

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1 5 10 15 20 25  
G P V C A E A S D V Y S P C M I A S T P P A P F S  
CGAOCCTGTTTGTCCTGAAGCCTCAGATGTGTATAGCCCATGTATGATAGCTAGCACTCCTCCTGCTCCATTTC  
2670 2700 Nhe1 2730

<-----βC----->  
30 35 40  
D V T A V T F D L I N G K I T  
GACGTTACAGCAGTAACCTTTGACTTAATCAACGGCAAAATAACT  
2760

FIGURE 4

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(A)

S T Y S R N A V P N L R G D L Q V L A Q K V A R T L P  
 CTAGCACTTATAGTAGAAATGCTGTTCTAATTTGAGAGGAGATCTTCAAGTTTTGGCTCAAAGGTTGCTGGACTCTTC  
 GTGAATATCATCTTTACGACAAGGATTAAACTCTCTCTAGAGTTCAAACCGAGTTTTTCAACGAGCTGAGAAGGATC  
 BglII

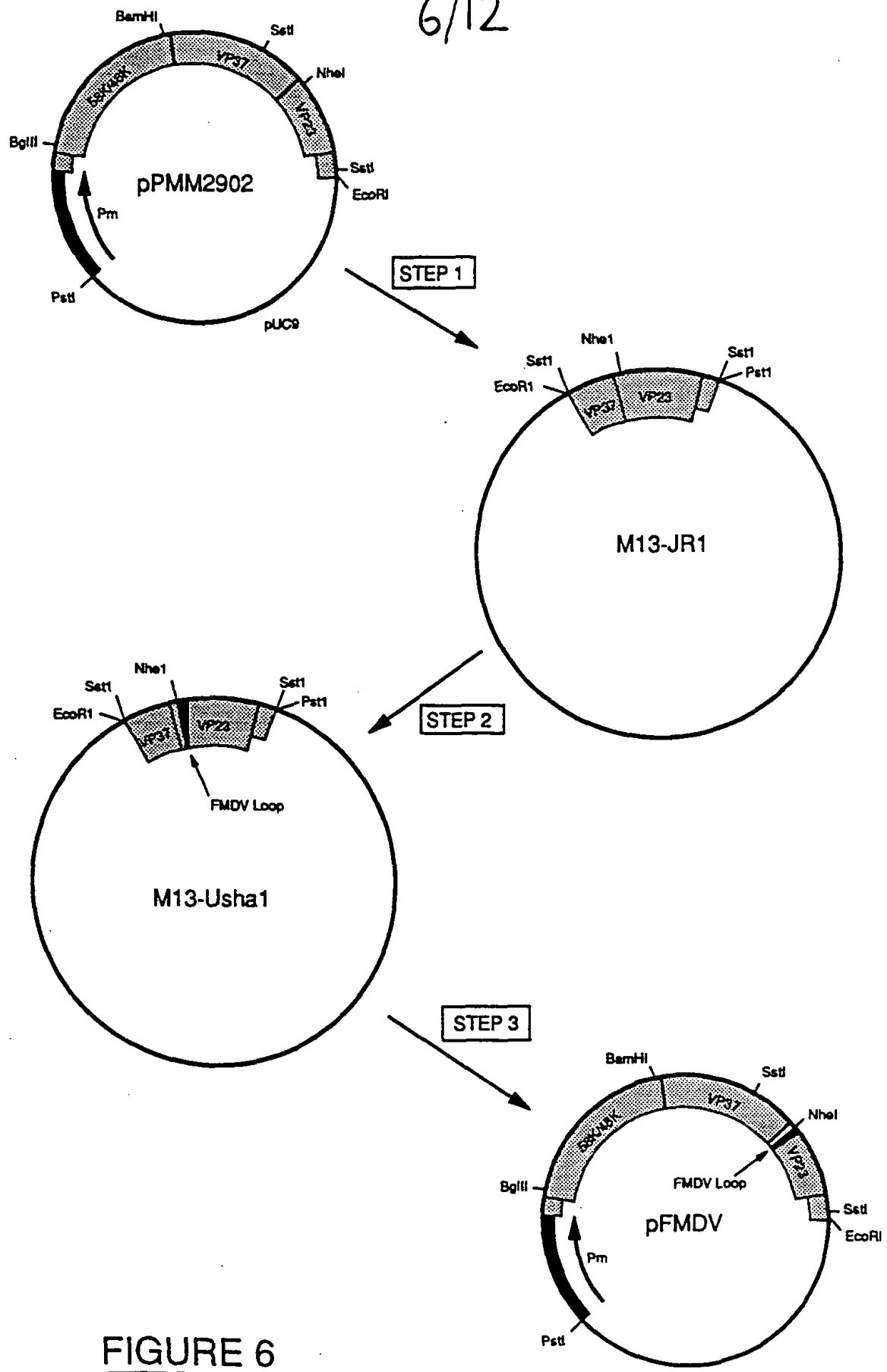
(B)

1 5 10 15 <-----  
 G P V C A E A S D V Y S P C M I A S T Y S R N A V P N  
 GGACCTGTTTGTGCTGAAGCTCAGATGTGTATAGGCCATGTATGATAGCTAGCACTTATAGTAGAAATGCTGTTCTAAT  
 2670 2700 NheI

-----> 20 25  
 L R G D L Q V L A Q K V A R T L P S T P P A P F S  
 TTGAGAGGAGATCTTCAAGTTTTGGCTCAAAGGTTGCTGGACTCTCTCTAGCACTCTCTCTGCTOCATTTTCA  
 BglII xNheI 2730

FIGURE 5

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**FIGURE 6**

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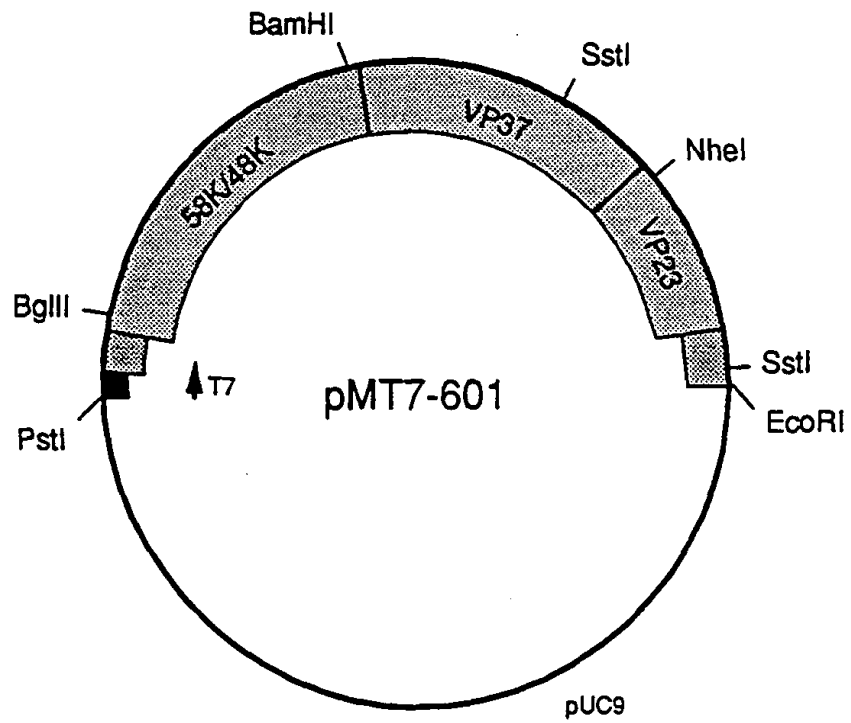


FIGURE 7

15                      20                      25                      30                      35  
 P C M I A S T P P A P F S D V T A V T F D L I  
 CCATGATGATAGCTAGCACTCTCTCTGCTCCATTTCAGACGTTACAGCAGTAACTTTTGACTTAAATC  
 2700                      NheI                      2730                      \*                      2760

15                      20                      25                      30                      35  
 P C M I A S T P P A P F S D V T A V T F D L I  
 CCATGTATGATAGCTAGCACTCTCTCTGCTCATTTTCAGACGTCAAGCAGTAACTTTTGACTTAAATC  
 2700                      NheI                      2730                      AatII                      2760

FIGURE 8



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(A)

S T D R P E G I E E E G G E R D R D R S D  
 CTAGCACTGACCGCCCTGAGGGCATOGAGGAAGAGGGGGTGAGCGGATOGTGATOGTTGGAGGT  
 GTGACTGGCGGGACTCCCGTAGCTCCTTCTCCCGCCACTOGCGCTAGCACTAGCAAGOC  
 Pvu1

(B)

1 5 10 15 <-----  
 G P V C A E A S D V Y S P C M I A S T D R P E G I E  
 GGACCTGTTTGTGCTGAAGCCTCAGATGTGTATAGCCCATGTATGATAGCTAGCACTGACCGCCCTGAGGGCATOGAG  
 2670 2700 Nhe1  
 -----> 30 35  
 E E G G E R D R D R S D V T A V T F D L I  
 GAAGAGGGGGTGAGCGGATOGTGATOGTTGGAGCTCACAGCAGTAACTTTGGACTTAATC  
 Pvu1 Aat11 2760

FIGURE 9

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(A)

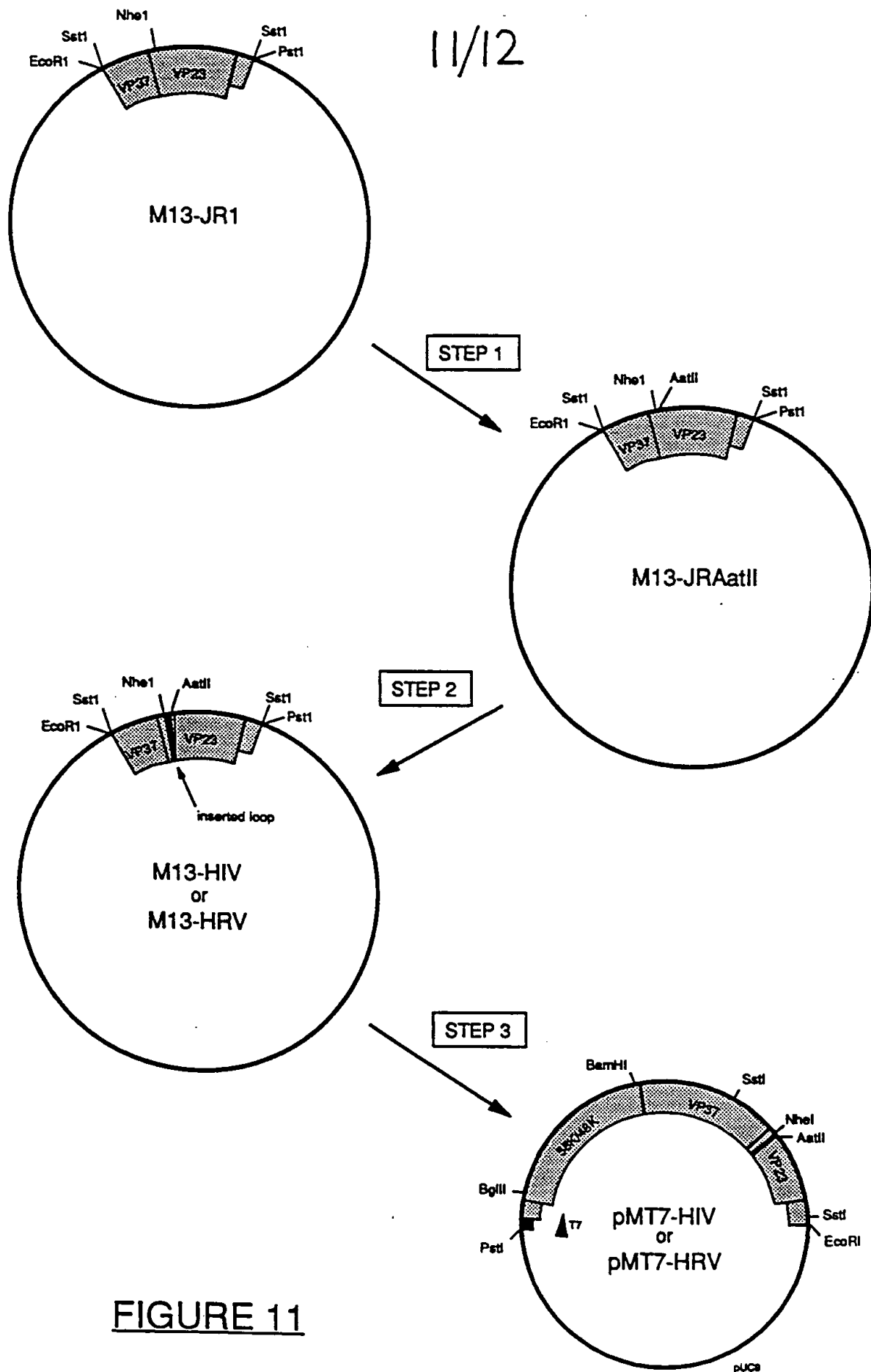
S T P A T G I D N H R E A K L D  
CTAGCACTCTCTGCTACTGGAATCGATAATCATAGAGAAGCTAAATTGGAAGT  
GTGAGGACGATGAOCTTAGCTATTAGTATCTCTTGGATTTAACC  
Cla1

(B)

1 5 10 15 <-----  
G P V C A E A S D V Y S P C M I A S T P A T G I D N  
GGACCTGTTTGTGCTGAAGCCTCAGATGTGTATAGCCATGTATGATAGCTAGCACTCTCTGCTACTGGAATCGATAAT  
2670 2700 Nhe1 Cla1  
-----> 30 35  
H R E A K L D V T A V T F D L I  
CATAGAGAAGCTAAATTGGACGTCACAGCAGTAACCTTTTGACTTAATC  
Aat11 2760

FIGURE 10

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**FIGURE 11**

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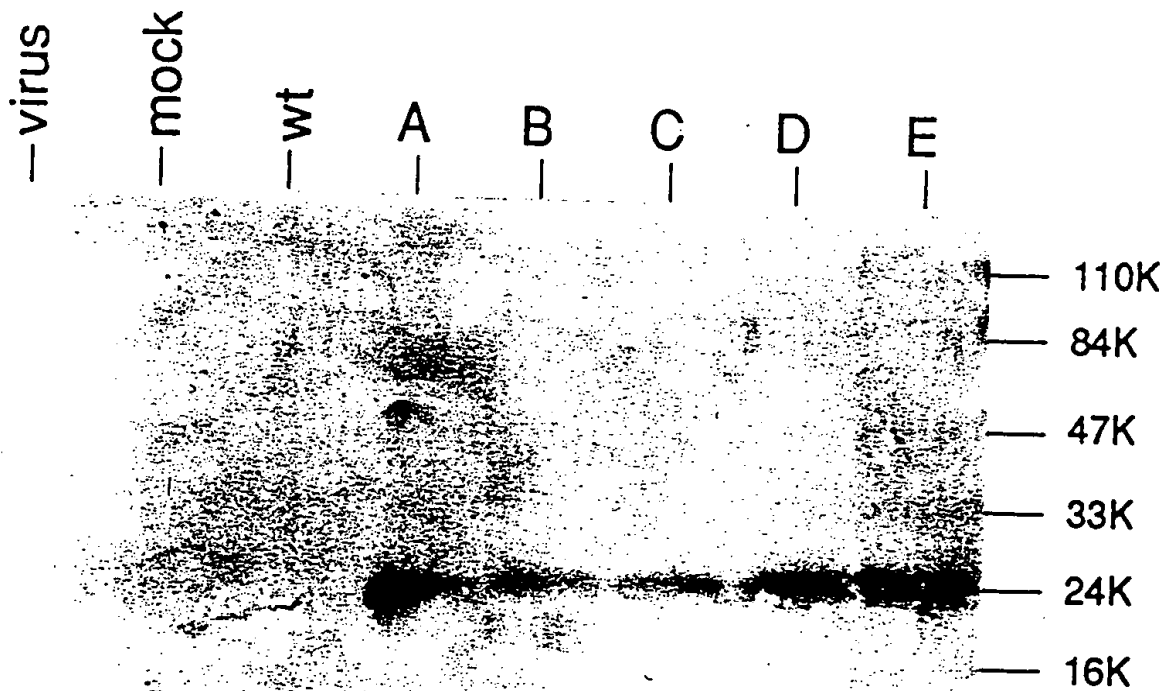


FIGURE 12